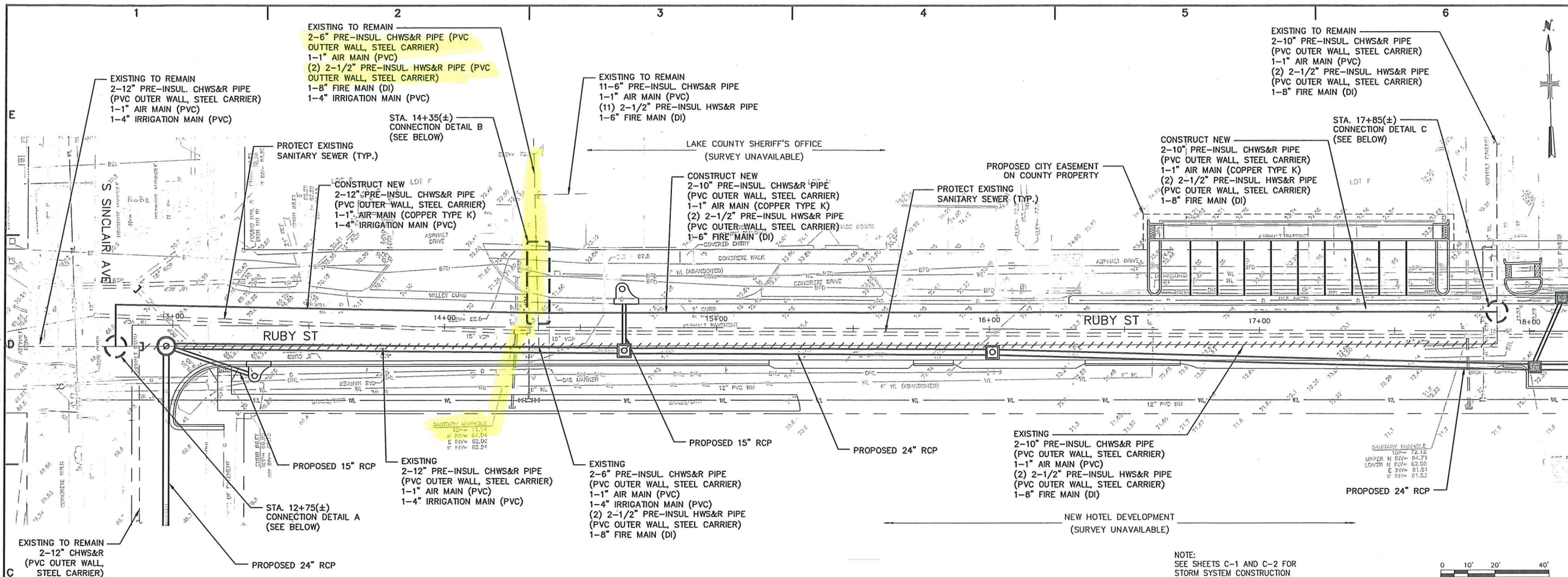
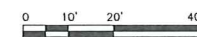


User: KKASPEREK Sheet: AUS-ACB000 File: \\ACAD\PROJ\6033 - CITY OF TAVARES\031_STORMWATER\031_SHEETS\DETAILS\A-D-7.DWG Scale: 1"=20' Date: 11/18/2015 11:14: Layout: 24



NOTE:
SEE SHEETS C-1 AND C-2 FOR
STORM SYSTEM CONSTRUCTION

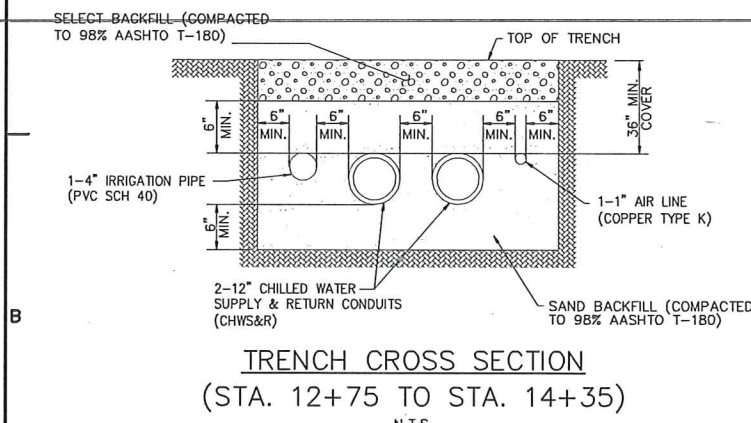


NOTES:

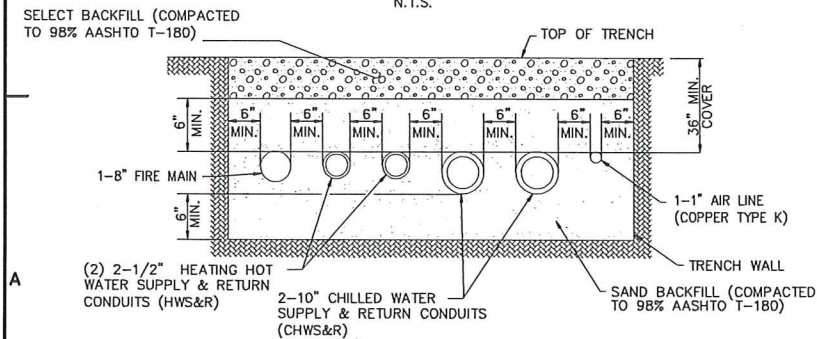
1. THE LOCATION OF THE EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED. CONTRACTOR SHALL PERFORM UTILITIES TEST HOLES AND SUBMIT THE RESULTS TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION. THE TEST HOLES SHALL BE PERFORMED AT CONNECTION POINTS, UTILITY CROSSINGS AND MINIMUM 200FT INTERVALS. ALL DIMENSIONS AND DESIGN PARAMETERS MUST BE VERIFIED BY THE INSTALLING CONTRACTOR.
2. CHILLED WATER PIPING ANCHOR LOCATIONS SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS.
3. STRAIGHT LENGTHS OF STEEL PIPE SHALL BE JOINED BY WELDING AS PER THE MANUFACTURER RECOMMENDATIONS BY CERTIFIED WELDERS. ALL FITTINGS SHALL CONFORM TO THE PIPE TYPE AND INSULATED AND JACKETED WITH MATERIALS SUPPLIED BY THE SYSTEM SUPPLIER AS PER THE MANUFACTURER'S STANDARD PROCEDURE.
4. MANUFACTURER SHALL PROVIDE ON-SITE ASSISTANCE BY PROPERLY TRAINING THE CONTRACTOR IN ALL PHASES OF THE CHILLED AND HOT WATER LINES INSTALLATION.
5. THE FIRST FOOT OF BACKFILL MUST BE FREE OF ROCKS OR OTHER DEBRIS THAT MIGHT DAMAGE THE PIPE CONDUIT. HAND TAMP THE FIRST 6-INCHES ABOVE THE CONDUIT.
6. EXISTING PIPING SHALL BE LOCATED AND REMOVED (WHERE SHOWN) PRIOR TO COMMENCEMENT OF THE STORMWATER PIPING INSTALLATION. ANY EXISTING PIPES LOCATED OUTSIDE THE PROPOSED PIPE TRENCHES MAY BE ABANDONED AND GROUT-FILLED.
7. ALL VALVES INCLUDE VALVE AND ADJUSTABLE VALVE BOX, SET TO FINISHED GRADE AND RISER AS SPECIFIED.
8. THE CONNECTION DETAILS SHOWN ON THIS SHEET ARE SINGLE-LINE SCHEMATICS. THE INSTALLATION CONTRACTOR SHALL PROVIDE DETAILED CONNECTION PLANS AND DETAILS FOR REVIEW AND APPROVAL.
9. THE INSTALLATION CONTRACTOR SHALL PROVIDE A DETAILED PLAN DELINEATING CONSTRUCTION SEQUENCING AND SHUT-DOWN PROCEDURES. THE LOCATION OF THE PROPOSED FIRE LINE AND CHILLER PIPING SHOWN ON THESE PLANS IS APPROXIMATE. ADJUSTMENTS/DEVIATIONS MAY BE REQUIRED IN FIELD AS EXISTING CONDITIONS WARRANT.
10. ADDITIONAL FITTINGS AND VALVES MAY BE REQUIRED FOR COMPLETE INSTALLATION. THESE SHALL BE FURNISHED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
11. FOLLOWING APPROVED ACCEPTANCE TESTING, CONTRACTOR SHALL COORDINATE AND SCHEDULE FINAL CONNECTIONS OF UTILITIES WITH OWNER AT LEAST 48 HOURS IN ADVANCE. AFTER HOURS WORK MAY BE REQUIRED TO REDUCE SYSTEM IMPACTS.
12. CONTRACTOR SHALL CONTACT LAKE COUNTY FOR COORDINATION PRIOR TO BEGINNING RELOCATION OF COUNTY UTILITIES.

LEGEND

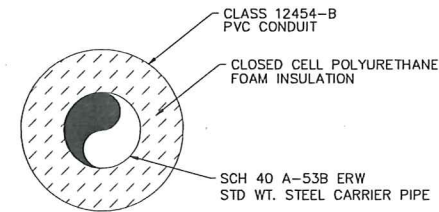
PROPOSED	—————
EXISTING (TO REMAIN)	-----
EXISTING (TO BE REMOVED OR ABANDONED)	+++++



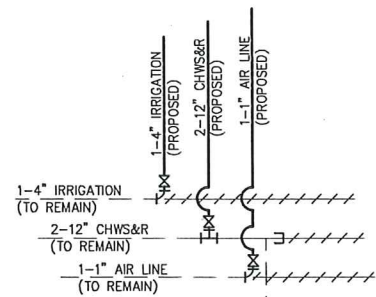
TRENCH CROSS SECTION
(STA. 12+75 TO STA. 14+35)
N.T.S.



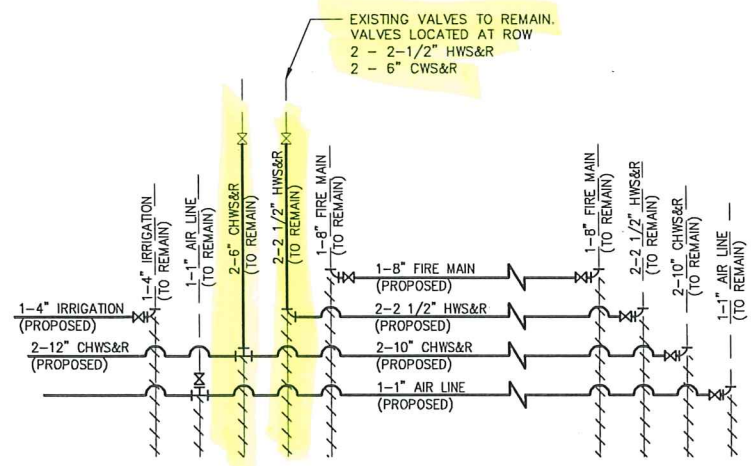
TRENCH CROSS SECTION
(STA. 14+35 TO STA. 17+85)
N.T.S.



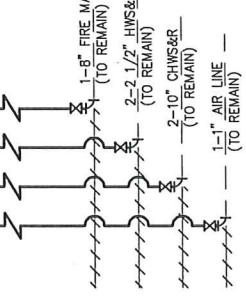
CONDUIT PRODUCT DETAIL
N.T.S.



CONNECTION DETAIL A
N.T.S.



CONNECTION DETAIL B
N.T.S.



CONNECTION DETAIL C
N.T.S.



LEGAL ENTITY:
ARCADIS U.S., INC.
CERTIFICATE OF AUTHORIZATION 7917
2301 MAITLAND CTR PKWY SUITE 244
MAITLAND, FL 32751

CONSULTANTS

SEALS



THOMAS REED MERIWETHER, P.E. DATE
LIC. NO. 75938

LAKE COUNTY
TAVARES
America's Scenic City
CITY OF TAVARES
DOWNTOWN COMMUNITY
REDEVELOPMENT AREA (CRA)
AREA A STORMWATER
IMPROVEMENTS

NO.	DATE	ISSUED FOR	BY

COPYRIGHT: ARCADIS U.S., INC.
2013

DATE: NOVEMBER 22, 2015
PROJECT NO.: 6033-031
FILE NAME: D-7
DESIGNED BY: N. MURRAY
DRAWN BY: K. KASPEREK
CHECKED BY: R. MERIWETHER

SHEET TITLE

DETAILS
COUNTY UTILITY PIPING
RELOCATION PLAN

SCALE: 1"=20'

D-7
SHEET 24 OF 25